

PAPERS READ.

Continuation of the Mollusca collected during the Chevert Expedition—by JOHN BRAZIER, C.M.Z.S., Cor. Mem. Roy. Soc., Tasmania.

ORDER SCUTIBRANCHIATA.

SUB-ORDER PODOPHTHALMA.

FAMILY NERITIDÆ.

1.—NERITA FUNICULATA.

Nerita funiculata, Reeve, Conch. Icon., pl. 2, sp. 9.

Hab. Darnley Island, Torres Straits, found on the reefs under coral.

2.—NERITA RUMPHI.

Nerita Rumphii, Recluz, Revue, Zool. Soc. Cuv., 1841, p. 147.

Hab. Cape Grenville, North East Australia, found on the rocks at low water.

3.—NERITA ANTIQUATA.

Nerita antiquata, Recluz, Revue, Zool. Soc. Cuvierienne, 1841, p. 106.

Nerita antiquata, Reeve, Conch. Icon., pl. 2, sp. 5.

Hab. Darnley Island, Torres Straits. Found on the reefs.

4.—NERITA (THELIOSTYLA) ALBICILLA.

Nerita albicilla, Linn. Gmel., p. 3681, No. 45.

„ „ Lam. Anim. Sans. Vert., Tome 6, part 2, p. 192.

„ „ Reeve, Conch. Icon., pl. 15, sp. 64, a, d.

Hab. Darnley Island, Torres Straits, found on the reefs; Vaucluse Point, Bradley's Head, and Point Piper, Port Jackson, New South Wales. (Brazier.)

5.—NERITINA TURRITA.

Nerita turrita, Chemn. Conch., f. 1085.

Neritina strigilata, Lam. Anim. Sans. Vert., Tome 6, part 2, p. 187.

Neritina turrita, Sowerby, Thes. Conch., Vol. 2, p. 539, pl. 112, fig. 113, 114.

„ „ Reeve, Conch. Icon., pl. 7, sp. 31, a, b.

Hab. Ethel River, Hall Sound, New Guinea.

6.—NERITINA GAGATES.

Neritina Gagates, Lam. Anim. Sans. Vert., Tome 6, part 2, p. 185.

„ „ Sowerby, Thes. Conch., Vol. 2, p. 537, pl. 112, fig. 103.

Hab. Katow River, New Guinea, found on the roots of trees and on floating timber.

7.—NERITINA MERTONIANA.

Nerita Mertoniana, Recluz, Proc. Zool. Soc., London, 1843, p. 71.

Neritina Mortoniana, Recluz, Journal de Conch., 1850, p. 152.

„ *Mertoniana*, Sowerby, Thes. Conch., Vol. 2, p. 534, pl. 116, fig. 242, 245.

Hab. Palm Island, North-east Australia, found on sandy mud flats at low water; also, quite common on the main land of the North and North-east Coast of Australia. The varieties are countless.

8.—NERITINA (VITTA) RANGIANA.

Neritina Rangiana, Recluz, Rev. Zool., 1841, p. 339.

„ „ „ Journal de Conch., 1850, p. 15.

„ „ Sowerby, Thes. Conch., Vol. 2, p. 532, pl. 116, fig. 227, 228.

Hab. Darnley Island, Torres Straits, 25, 30 fathoms, white sand bottom, Port Jackson, and Aneiteum, New Hebrides.

9.—NERITINA (VITTA) PULCHERRIMA.

Neritina (Vitta) pulcherrima, Angas, Proc. Zool. Soc., London, 1871, p. 19, pl. 1, fig. 25.

Hab. Cape Grenville, North-east Australia, 20 fathoms, sandy mud bottom, one specimen found; Evans' Bay, Cape York, North Australia, 7 fathoms, sandy mud bottom, six specimens found;

FAMILY TROCHIDÆ.

SUB-FAMILY EUTROPIINÆ.

13.—EUTROPIA VARIEGATA.

Phasianella variegata, Lam. Anim. Sans. Vert., Tome 7, p. 53.

” ” Chenu, Manuel de Conch., Tome 1, p. 343, fig. 2527.

Hab. Cape York, North Australia, 11 fathoms, sand bottom, Wantoro Bay, near Nouméa, New Caledonia. Found in great quantity crawling on the sand beaches at the edge of low water, also under stones and coral. (Brazier.)

SUB-FAMILY TURBININÆ.

14.—TURBO PETHOLATUS.

Turbo petholatus, Linn. Syst. Nat.

” ” Lam. Anim. Sans. Vert. Tome, 7, p. 43.

” ” Reeve, Conch. Icon., pl. 3, sp. 12.

Hab. Darnley Island, Torres Straits. Found on the reefs.

15.—SENECTUS CRASSUS.

Turbo crassus, Wood, Index, Test, Suppl. p. 20, pl. 6, fig. 43.

” ” Reeve, Conch. Icon., pl. 3, sp. 10.

Hab. Dungeness Island, Torres Straits. Found on the reefs.

16.—SENECTUS CHRYSOSTOMUS.

Turbo chrysostomus, Linn. Syst. Nat.

” ” Lam. Anim. Sans. Vert. Tome 7, p. 41.

” *chrysostoma*, Reeve, Conch. Icon., pl. 7, sp. 28.

Hab. Darnley Island, Torres Straits. Found on the reefs.

17.—SENECTUS SQUAMOSUS.

Turbo squamosus, Gray, Voyage of H. M. S. Fly, 1847, Vol. 2, p. 359, pl. 2, fig. 8.

Turbo laminiiferus, Reeve, Proc. Zool. Soc., London, 1848, p. 49.

” ” ” Conch. Icon., pl. 4, sp. 17.

Turbo foliaceus, Homb et Jacq., Voyage Au. Pole Sud. L. Astrolabe et la Zélée, 1854, Tome 5, p. 60, Atlas pl. 14, fig. 34, 37.

Hab. Dungeness Island, Torres Straits. Found on the reefs under large blocks of coral; very common.

18.—*SENECTUS NIVOSUS*.

Turbo nivosus, Reeve, Proc. Zool. Soc., London, 1848, p. 51, Conch. Icon., pl. 10, fig. 43, 44.

Hab. Dungeness Island, Torres Straits. Found on the reefs.

19.—*SENECTUS GEMMATUS*.

Turbo gemmatus, Reeve, Proc. Zool. Soc., London, 1848, p. 50.

” ” ” Conch. Icon., pl. 12, sp. 62.

Hab. Palm Island, North-East Australia, 11 fathoms, mud bottom; Darnley Island, Torres Straits, 25, 30 fathoms, white sand bottom.

SUB-FAMILY AUSTRALIINÆ.

20.—*PACHYPOMA RHODOSTOMA*.

Trochus rhodostomus, Lam, Anim. Sans. Vert., Tome 7, p. 13.

” *rhodostoma*, Reeve, Conch, Icon., pl. 7, sp. 35.

Hab. Darnley Island, Torres Straits. Found on the reefs.

SUB-FAMILY LIOTIINÆ.

21.—*LIOTIA VARICOSA*.

Delphinula varicosa, Reeve, Proc. Zool. Soc., London, 1843, p. 142

” ” ” Conch. Icon., pl. 3, sp. 12.

Hab. Palm and Barnard Islands, North-East Australia; Dungeness and Nepean Islands, Torres Straits; Hall Sound, New Guinea. Found on the reefs under coral.

22.—*LIOTIA DISCOIDEA*.

Delphinula discoidea, Reeve. Proc. Zool. Soc., London, 1843, p. 142.

” ” Conch. Icon., pl. 4, sp. 15.

Hab. Darnley Island, Torres Straits.

23.—LIOTIA MURICATA.

Delphinula muricata, Reeve, Proc. Zool. Soc., 1843, p. 142.

” ” ” Conch. Icon., pl. 4, sp. 18.

Hab. Darnley Island, Torres Straits, 25 fathoms, sand bottom.

Description of Three New Species of Shells, from Australia and
New Guinea.

By J. BRAZIER, C.M.Z.S., Corr. Mem. Roy. Soc., Tas.

1.—HELIX (HYDRA) BROADBENTI.

Shell umbilicated, globular, rather solid, irregularly obliquely striated, chestnut-brown, ornamented with a yellow-brown band below the suture, and a broad one on the base; apex conoid, nearly all of a yellow-brown, whorls $4\frac{1}{2}$, rather convex, the last somewhat inflated, convex below, aperture ovately lunate, diagonal, purplish within, peristome expanded and reflected, thickened, white, the columellar broadly expanded and reflected, covering about one fourth of the umbilicus, which is wide and deep, encircled at its edge with a broad band of chestnut-brown.

Diam. maj. $21\frac{1}{2}$, min. $16\frac{1}{2}$, alt. $15\frac{1}{2}$ lines.

Hab. Port Moresby, New Guinea (Collection, Mrs. Charles Coxen.)

This fine shell I have named after its discoverer, Mr. Kendal Broadbent, who obtained it 12 miles inland from Port Moresby. When at Yule Island I was shown a specimen obtained by Mr. D'Albertis, up one of the rivers at Hall Sound. There are, I believe, specimens in the Australian Museum, received from Mr. Broadbent.

HELIX (CALLIOCHLIAS) ETHERIDGEI.

Shell imperforate, rather thick, somewhat globosely turbinated, finely striated, having minute transverse lengthened grains, blackish chestnut, ornamented at the periphery with one narrow white line, contiguous to the suture, broad yellow-brown band above, running spirally to the apex, the third encircling the